The Wilson Journal of Ornithology 118(4):595–610, 2006

Index to Volume 118, 2006

Compiled by Rita A. Janssen and James A. Sedgwick

This index includes references to genera, species, authors, and key words or terms. In addition to avian species, references are made to the scientific names of all vertebrates mentioned within the volume and other taxa mentioned prominently in the text. Nomenclature follows the American Ornithologists' Union Check-list of North American Birds (1998) and its supplements. Reference is made to books reviewed and announcements as they appear in the volume.

A

abundance
  effect of habitat variables in southern Appalachian wetlands on, 399
  effect of understory composition on, 461
  of Black-throated Blue Warbler, 461
Acacia spp., 563
Accipiter badius, 50
  brevipes, 50, 476
  cooperii, 535
  faciatus, cf. 307
acoustic components, of Greater Sage-Grouse, 36
Acrocephalus scirpaceus, 371
  schoenobaenus, 191, 371
Actitis macularius, 221
activity, pre-migratory, 187
adaptive value of eggshell removal, 59
Aegolius acadicus, 411–413
  funereus, 411
age
  effect on singing behavior in male *Setophaga ruticilla*, 439
  ratio, effect of understory composition on, 461
Agelaius phoeniceus, 158, 331, 391–398, 416, 539
aggregation, 164, 364
Aguirre, Ray, *see* Metz, Steve T., Kyle B. Melton, ———, Bret A. Collier, T. Wayne Schwertner, Markus J. Peterson, and Nova J. Silvy
Aimophila aestivalis, 131–280, 138–144
Aix sponsa, 102
Alkodon spp., 95
Allen, Deborah, *see* DeCandido, Robert, and ———
allometry, 173
Alvarez A., José, *see* Lane, Daniel F., Thomas Valqui H., ———, Jessica Armenta, and Karen Eckhardt
Amazona aestiva, 233
  albifrons, 225
  autumnalis, 231
  barbadensis, 233
  finschi, 240
  leucocephala bahamensis, 233
  ochrocephala panamensis, 225–236
  viridigenalis, 225
  vittata, 233
American Woodcock, see *Scolopax minor*
Ammodramus savannarum, 414
  floridanus, 539
  spp., 539
Anas bahamensis, 215
  clypeata, 156
  crecca, 156
  cyanoptera, 415
  discors, 156
  platyrhynchos, 156, 424
Anderson, David J., and Peter T. Boag, No extra-pair fertilization observed in Nazca Booby (*Sula granti*) broods, 244–247
Andres, Brad A., *see* Benson, Anna-Marie, ———, W. N. Johnson, Susan Savage, and Susan M. Sharbaugh
Ankney, C. Davison, *see* Lavers, Jennifer L., Jonathan E. Thompson, Cynthia A. Paszkowski, and ———
Antbird, see *Percnostola arenarum*
  Bicolored, see *Gymnopithys leucaspis*
  Hairy-crested see *Rhegmatorhina melanosticta*
  Scale-backed, see *Hylophylax poecilinota*
  White-Masked, see *Pithys castaneus*
  Whiteplumed, see *Pithys albifrons peruvianus*
Anthony, Robert G., *see* Loegering, John P., and ———
anti-predator function, 59
ants in acacias, 563
  army, see *Eciton burchelli* and *Labidus praedator*
Aphrastura spinicauda, 252
Aplonis santovestris, 307
  sp. undescribed, 307
  zelandicus, 307
Appalachia, wetland habitats of southern, 399
Applegate, Roger D., *see* Pitman, James C., Christian A. Hagen, Brent E. Jamison, Robert J. Robel, Thomas M. Loughin, and ———
Apus apus, 425
Aquila clanga, 50
  pomarina, 50
Ara militaris, 237
Ardea alba, 103, 215
  cinerea, 113
  herodias, 112–113
Argentina, 251
Armenta, Jessica, *see* Lane, Daniel F., Thomas Valqui H., José Alvarez A., ———, and Karen Eckhardt
Arnett, John E., *see* Labisky, Ronald R., and ———
Arredondo, Juan A. *see* Hernández, Fidel, ———,

Froylán Hernández, Fred C. Bryant, and Leonard A. Brennan
Artamus leucorhynchus tenuis, 295–308
Artemisia spp., 23, 36–41
aspen, quaking, see *Populus tremuloides*
Asturina nitidus, 42
Athene cunicularia, 83, 88
Auk, Great
in Once Upon a Time in American Ornithology, 427
see *Pinguinus impennis*
Aythya americana, 415

B

badger, see *Taxidea taxus*
Baeolophus bicolor, 107
Baille, James Little, in Once Upon a Time in American Ornithology, 427
balsam fir, density of, 461
Baltic Coast, 364
Bananaquit, see *Coereba flaveola*
Bare-eye, Reddish-winged, see *Phlegopsis erythroptera*
Barg, Jennifer J., Jason Jones, M. Katharine Girvan, and Raleigh J. Robertson, Within-pair interactions and parental behavior of Cerulean Warblers breeding in eastern Ontario, 316–325
Barlow, Clive, and Tim Wacher, A field guide to the birds of the Gambia and Senegal, reviewed, 433–434
bat, little brown, see *Myotis lucifugus*
red, see *Lasiurus borealis*
beak-swinging, by Puerto Rican Spindalis, 571
beaver, 399
behavior
flocking, 164
male Greater Sage-Grouse strut, 36
migration, 471
nest defense, by Northern Flickers, 452
parental, 251, 309, 316
stopover, 364
Bell, Douglas A., *see* Crosbie, Scott P., ———, and Ginger M. Bolen
Benson, Anna-Marie, Brad A. Andres, W. N. Johnson, Susan Savage, and Susan M. Sharbaugh, Differential timing of Wilson's Warbler migration in Alaska, 547–551
benthic invertebrates, 152
Bertran, Joan, and Antoni Margalida, Reverse mounting and copulation behavior in polyandrous Bearded Vulture (*Gypaetus barbatus*) trio, 254–256
Bildstein, Keith, *see* Careau, Vincent, Jean-François Therrien, Pablo Porras, Don Thomas, and ———
bird trade, 225
bison, North American, see *Bison bison*
Bison bison, 81, 399
Bittern, Least, see *Ixobrychus exilis*
Blackbird, see *Turdus merula*
Red-Winged, see *Agelaius phoeniceus*
Yellow-headed, see *Xanthocephalus xanthocephalus*
Blackcaps, see *Sylvia atricapilla*
Blem, Charles R., and Leann B. Blem, Variation in mass of female Prothonotary Warblers during nesting, 3–12
Blem, Leann B., *see* Blem, Charles R., and ———
Blomdahl, Anders, Bertil Breife, and Niklas Holmström, Flight identification of European seabirds, reviewed, 124–125
Bluebird, Eastern, see *Sialia sialis*
Mountain, see *Sialia currucoides*
Western, see *Sialia mexicana*
Boa constrictor, 232
Boag, Peter T., *see* Anderson, David J., and ———
Boal, Clint W., Fred C. Sibley, Tracy S. Estabrook, and James Lazell, Insular and migrant species, longevity records, and new species records on Guana Island, British Virgin Islands, 218–224
Bobolink, see *Dolichonyx oryzivorus*
Bobwhite, Northern, see *Colinus virginianus*
Boiga irregularis, 309
Bolen, Ginger M., *see* Crosbie, Scott P., Douglas A. Bell, and ———
Bombycilla cedrorum, 454, 522
Booby, Blue-footed, see *Sula nebouxii*
Nazca, see *Sula granti*
boreal forest, 164
Borrow, Nik, and Ron Demey, Birds of western Africa, reviewed, 581–582
Bouton, Jeffrey, review by, 275–276
Branta canadensis, 114
maxima, 579
breeding
a new record of, White-winged Nightjar, 109
on a coastal barrier island by Black Tern, 104
productivity, of Bachman's Sparrow, 131
range, of Northern Saw-whet Owl, 411
status of *Setophaga ruticilla,* 439
success, of Taiwan Yuhina, 558
territory, of San Clemente Loggerhead Shirkes, 333
breeding biology
of *Amazona ochrocephala,* 225
of *Sporophila cearulescens,* 85
breeding ecology
cooperative, of Taiwan Yuhina, 558
of *Aimophila aestivalis,* 131
of avifauna on Vanuatu, 295
of *Dendroica cerulea,* 145
of *Fulica americana,* 208
of *F. caribaea,* 208
breeding population estimates, of Semipalmated Sandpiper, 478
Brennan, Leonard A., *see* Hernández, Fidel, Juan A. Arredondo, Froylán Hernández, Fred C. Bryant, and ———
British Virgin Islands, 218
Bronze Cuckoo, Shining, see *Chrysococcyx lucidus layardi*
brood parasite, 99
brush cutting, 353
Brush, Timothy, Nesting birds of a tropical frontier:

the lower Rio Grande Valley of Texas, reviewed, 270–271
Bryant, Fred C., *see* Hernández, Fidel, Juan A. Arredondo, Froylán Hernández, ———, and Leonard A. Brennan
Bubulcus ibis, 255
Bucephala albeola, 173–177
islandica, 173–177
budgets
diet, 380
energy, 380
time, 380
Buecking, Jeff A., review by, 431–433
Bufflehead, see *Bucephala albeola*
Buidin, Christophe, Yann Rochepault, Michel Savard, and Jean-Pierre L. Savard, Breeding range extension of the Northern Saw-whet Owl in Quebec, 411–413
Bunkley-Williams, Lucy, *see* Williams, Earnest H., Jr., and ———
Bunting, Indigo, see *Passerina cyanea*
Burhans, Dirk E., *see* Furey, Maria A., and ———
Burnett, J. Alexander, A passion for wildlife: the history of the Canadian Wildlife Service, reviewed, 121–122
burning, 353
Buteo albicaudatus, 91–98
buteo, 42
galapagoensis, 44, 195
hemilasius,42
jamaicensis, 147, 569–570
borealis, 43
harlani, 43
lagopus, 42–52
lineatus, 42, 535
platypterus, 471–477
polyosoma, 42
regalis, 42, 83
rufinus, 42
swainsoni, 42–52, 472
Butler, Chris, *see* Lorenz, Stephan, ———, and Jimmy Paz
Buzzard
Common, see *Buteo buteo*
Long-legged, see *Buteo rufinus*
Red-backed, see *Buteo polyosoma*
Upland, see *Buteo hemilasius*

C

cache-moving, by American Crows, 572
caching, of rabbits by American Crows, 572
Cacomantis pyrrhophanus, 307
Caldwell, Sarah S., and Alexander M. Mills, Comparative spring migration arrival dates in the two morphs of White-throated Sparrow, 326–332
Calidridini, 478–484
Calidris alpina, 479
himantopus, 479
mauri, 478
melanotos, 156
minutilla, 156, 479
pusilla, 478–484
California, 178, 256
Callipepla californica, 256–259
gambelii, 256
Calomys tener, 95
Calypte anna, 425
Calyptorhynchus
baudinii latirostris, 233
funereus latirostris, 234
magnificus, 233
Campephilus magellanicus, 251–254
Camptorhynchus labradorius, 427
Campylorhynchus rufinucha, 563–566
Canada
Aegolius acadicus breeding range in Quebec, 411
body molt of wood warblers in Ontario, 374
Haliaeetus leucocephalus foraging in British Columbia, 380
multispecies feeding flocks in boreal forests of western, 164
Zonotrichia albicolis in southern Ontario, 326
Canis latrans, 23, 27
cannibalism, 101
Capella gallinago, 425
Capra hircus, 333
capture-mark-recapture, 513
Caraduellis tristis, 540
Cardinal, Northern, see *Cardinalis cardinalis*
Cardinalis cardinalis, 75
Carduelis tristis, 457
Careau, Vincent, Jean-François Therrien, Pablo Porras, Don Thomas, and Keith Bildstein, Soaring and gliding flight of migrating Broad-winged Hawks: behavior in the Nearctic and Neotropics compared, 471–477
Carib, Green-throated, see *Eulampis holosericeus*
Caribbean, 194, 218
Carpodacus mexicanus, 413–415
Carter, William A, *see* Wood, Douglas R., and ———
Castillo-Guerrero, José Alfredo, and Eric Mellink, Maximum diving depth in fledging Blue-footed Boobies: skill development and transition to independence, 527–531
Castor canadensis, 399–410
cat, domestic, see *Felis cattus*
Catbird, Gray, see *Dumetella carolinensis*
Cathartes aura, 53, 147, 473
guttatus, 522
minimus, 522
ustulatus, 222, 522
Catharus fuscescens, 461–470
cavity conditions, of surrogate Cuban Parrot nest, 508
cavity nesting, by a Blue Grosbeak, 107
Centrocercus minimus, 36–41
urophasianus, 31, 36–41
Certhia americana, 164–172
Cervus elaphus, 399
Chaetura peliagica, 425
vauxi, 424–426
Chalcophaps indica sandwichensis, 295–308

Charadriiformes, 152–163
Charadrius montanus, 59–63, 81–84
vociferous, 115, 156
wilsonia, 215, 222
Charmosyna palmarum, 295–308
Chartier, Allen T., and Jerry Ziarno, A birder's guide to Michigan, reviewed, 431–432
Chazarreta, M. Laura, *see* Ojeda, Valerie S., and ———
Chernetsov, Nikita, and Andrey Mukhin, Spatial behavior of European Robins during migratory stopovers: a telemetry study, 364–373
Chickadee, Black-capped, see *Poecile atricapillus*
Boreal, see *Poecile hudsonica*
Chicken, see *Gallus domesticus*
Chihuahua, 237
Chilidonias niger surinamensis, 104–106
chipmunk, eastern, see *Tamias striatus*
Chlamydophila psittaci, in Galapagos Doves, 195
Chordeiles minor, 425
Choristoneura fumiferana, 164–172
Chough, Alpine, or Yellow-billed, see *Pyrrhocorax graculus*
Chrysococcyx caprius, 99–101
klaas, 99–101
spp., 99
Cichlornis whitneyi, 307
Ciconia ciconia, 380
Cinclus cinclus, 291
mexicanus, 281–294
Circus aeruginosus, 50
approximans, 295–308
macrourus, 50
pygargus, 50
spionotus, 50
Cistothorus palustris, 416
platensis, 341, 540
Cladorhynchus leucocephalus, 478
Clark, William S., and Christopher C. Witt, First known specimen of a hybrid *Buteo*: Swainson's Hawk (*Buteo swainsoni*) × Rough-Legged Hawk (*B. lagopus*) from Louisiana, 42–52
Cleptornis marchei, 308
Clomba vitiensis leopoldi, 295–308
clutch size, 23, 70, 225
Clytorhynchus pachycephaloides grisescens, 295–308
Coccyzus americanus, 55
Cockatoo, see *Calyptorhynchus funereus latirostris*
Coereba flaveola, 219
Colaptes auratus, 452–460
Colinus virginianus, 27, 114–116, 259
Collared-Dove, Eurasian, see *Streptopelia decaocto*
Collier, Brett A., *see* Metz, Steve T., Kyle B. Melton, Ray Aguirre, ———, T. Wayne Schwertner, Markus J. Peterson, and Nova J. Silvy
Collocalia esculenta uropygialis, 295–308
vanikorensis vanikorensis, 295–308
coloniality, in Semipalmated Sandpiper, 478
Coluber constrictor, 540
Columba livia, 55, 195
Columbina passerine, 222
communal relationships, 563
roosting, 532
roosts, 566
communities, upland bird, 295
Conepatus semistriatus, 88
Coot, American, see *Fulica americana*
Caribbean, see *Fulica caribaea*
Coracina caledonica thilenii, 295–308
Corman, Troy E., and Cathryn Wise-Gervais, Arizona Breeding Bird Atlas, reviewed, 268–270
Corvus brachyrhynchos, 150, 357, 380, 569–570, 572–573
corax, 380
cryptoleucus, 32
hawaiiensis, 79
Coturnix coturnix, 88
japonica, 60
Covino, Kristin M., *see* Morris, Sara R., Amanda M. Larracuente, ———, Melissa S. Mustillo, Kathryn E. Mattern, David A. Liebner, and H. David Sheets
Cowbird, Brown-headed, see *Molothrus ater*
coyote, see *Canis latrans*
Craik, Shawn R., Rodger D. Titman, Amélie Rousseau, and Michael J. Richardson, First report of Black Terns breeding on a coastal barrier island, 104–106
Crane, Common, see *Grus grus*
Creeper, Brown, see *Certhia americana*
Cringan, Alexander T., Once Upon a Time in American Ornithology, 427–429
Crosbie, Scott P., Douglas A. Bell, and Ginger M. Bolen, Vegetative and thermal aspects of roost-site selection in urban Yellow-billed Magpies, 532–536
Crow, American, see *Corvus brachyrhynchos*
Hawaiian, see *Corvus hawaiiensis*
crowing, 256
Cruz Nieto, Miguel A., *see* Gonzáles Rojas, José I., ———, Oscar Ballesteros Medrano, and Irene Ruvalcaba Ortega
Cruz-Nieto, Javier, *see* Monterrubio-Rico, Tiberio C., ———, Ernesto Enkerlin-Hoeflich, Diana Venegas-Holguin, Lorena Tellez-Garcia, and Consuelo Marin-Togo
Cuckoo, Diederik, see *Chrysococcyx caprius*
Fan-tailed, see *Cacomantis pyrrhophanus*
Guira, see *Guira guira*
Klaas, see *Chrysococcyx klaas*
Old World, see *Chrysococcyx* spp.
Squirrel, see *Piaya cayana*
Yellow-billed, see *Coccyzus americanus*
Cuckoo-Dove, Mackinlay's, see *Macropygia m. mackinlayi*
Cuckoo-Shrike, Melanesian, see *Coracina caledonica thilenii*
cuckoos
feeding conspecific young, 99
fledgling provisioning, 99
Curlew, Long-billed, see *Numenius americanus*
Cyanocitta cristata, 150, 321, 357

Cyanocorax chrysops, 88
Cynomys ludovicianus, 81

D

Davis, Craig A., *see* Graber, Allen E., ———, and David M. Leslie, Jr.
Davis, William E., Jr., review by, 121–122
Debruyne, Christine A., Janice M. Hughes, and David J. T. Hussell, Age-related timing and patterns of prebasic body molt in Wood Warblers (Parulidae), 374–379
DeCandido, Robert, and Deborah Allen, Nocturnal Hunting by Peregrine Falcons at the Empire State Building, New York City, 53–58
Deconychura longicauda, 17
Dedrocincla merula, 17
del Hoyo, Josep, Andrew Elliott, and David Christie (Eds.), Handbook of the birds of the world, volume 9: Cotingas to Pipits and Wagtails, reviewed, 430–431
Delichon urbica, 178
urbicum, 178
DeLong, John P., Pre-migratory fattening and mass gain in Flammulated Owls in central New Mexico, 187–193
Dendrocolaptes certhia, 17
Dendroica caerulescens, 149, 322, 461–470
castanea, 164–172, 322
cerulea, 145–151, 249, 316–325
chrysoparia, 247–251
coronata, 164–172, 322, 521
discolor, 249, 357–358, 377
fusca, 168, 170, 322
magnolia, 168, 170, 222, 322, 523
nigrescens, 249
occidentalis, 249, 377
pensylvanica, 168, 170, 322
petechia, 164–172, 322, 374–379, 414, 540
striata, 221, 322, 523
tigrina, 164–172
townsendi, 249, 378
virens, 164–172, 249, 322
density, nest-site, 237, 478
Deroptyus accipitrinus, 20
DeVault, Travis L., *see* Galligan, Edward W., ———, and Steven L. Lima
Didelphis spp., 72, 88
diet, of White-tailed Hawk in southeastern Brazil, 91
dimorphism, plumage, 326
Dipper, American, see *Cinclus mexicanus*
dispersal patterns, 558
distribution, of Black-throated Blue Warbler, 461
Diucon, Fire-eyed, see *Xolmis pyrope*
diversity, genetic, 36, 194
diving, capacity, 527
depth, 527
Dolichonyx oryzivorus, 540
Donehower, Christina E., Likely predation of adult Glossy Ibis by Great Black-backed Gulls, 420–422
Double-collared Seedeater, see *Sporophila caerulescens*
Dove, Diamond, see *Geopelia cuneata*
Emerald, see *Chalcophaps indica sandwichensis*
Galapagos, see *Zenaida galapagoensis*
Mourning, see *Zenaida macroura*
Red-bellied Fruit, see *Ptilinopus greyii*
Santa Cruz Ground, see *Gallicolumba sanctaecruscis*
Tanna Fruit, see *Ptilinopus tannensis*
Zenaida, see *Zenaida aurita*
Duck, Labrador, see *Camptorhynchus labradorius*
Ruddy, see *Oxyura jamaicensis*
Wood, see *Aix sponsa*
Ducula bakeri, 295–308
pacifica pacifica, 295–308
Duffe, Jason, *see* Elliott, Kyle H., ———, Sandi L. Lee, Pierre Mineau, and John E. Elliott
Dumetella carolinensis, 114, 341, 357, 522

E

Eagle, Bald, see *Haliaeetus leucocephalus*
Greater Spotted, see *Aquila clanga*
Lesser Spotted, see *Aquila pomarina*
Eberhard, Jessica R., *see* Rodríguez Castillo, Angélica M., and ———
Eciton burchelli, 17
Eckhardt, Karen, *see* Lane, Daniel F., Thomas Valqui H., José Alvarez A., Jessica Armenta, and ———
Eclectus infectus, 307
Ectopistes migratoria, 118, 427
egg
fertility, 23
mass, 173
nutrients, 173
eggs, abnormal, 114
eggshell removal behavior, 59
Egret, Cattle, see *Bubulcus ibis*
Great, see *Ardea alba*
Snowy, see *Egretta thula*
Egretta thula, 102
Eiders, Common, see *Somateria mollissima*
Eira barbara, 88
Elaenia, Caribbean, see *Elaenia martinica*
Yellow-bellied, see *Elaenia flavogaster*
Elaenia flavogaster, 222
martinica, 222
Elaphe obsoleta obsoleta, 540
Eleothreptus candicans, 109–112
elk, see *Cervus elaphus*
Elliott, John E., *see* Elliott, Kyle H., Jason Duffe, Sandi L. Lee, Pierre Mineau, and ———
Elliott, Kyle H., Jason Duffe, Sandi L. Lee, Pierre Mineau, and John E. Elliott, Foraging ecology of Bald Eagles at an urban landfill, 380–390
Empidonax traillii, 540
endangered species, 333
Enderson, James, Peregrine Falcon: stories of the Blue Meanie, reviewed, 272–275
energetics, 316, 333, 566

Enkerlin-Hoeflich, Ernesto, *see* Monterrubio-Rico, Tiberio C., Javier Cruz-Nieto, ———, Diana Venegas-Holguin, Lorena Tellez-Garcia, and Consuelo Marin-Togo
Erithacus rubecula, 364–373
Erythrura cyaneovirens, 307
Estabrook, Tracy S., *see* Boal, Clint W., Fred C. Sibley, ———, and James Lazell
Eudocimus albus, 103
Eulampis holosericeus, 219
Euptilotis neoxenus, 241
extra individuals at nests, 75

F

Fairy-Wren, Superb, see *Malurus cyaneus*
Falco naumanni, 53
  peregrinus, 51, 53–58, 118, 307, 421
  rusticolus, 51
  sparverius, 411
  sp., 333
  tinnunculus, 425
Falcon, Gyrfalcon, see *Falco rusticolus*
  Peregrine, see *Falco peregrinus*
  Peregrine, in Once Upon a Time in American Ornithology, 117
Fantail, Gray, see *Rhipidura albiscapa brenchleyi*
  Streaked, see *Rhipidura s. spilodera*
fat deposition, 187, 364
Felis cattus, 71, 88, 298
feral grazers, 333
fertilization, extra-pair, 244, 319, 502
Ficedula hypoleuca, 371
Fiehler, Craig M., William D. Tietje, and William R. Fields, Nesting success of Western Bluebirds (*Sialia mexicana*) using nest boxes in vineyard and oak-savannah habitats of California, 552–557
Fields, William R., *see* Fiehler, Craig M., William D. Tietje, and ———
Finch, House, see *Carpodacus mexicanus*
fire
  effects, 353
  management, 131, 353
  suppression, 131
first breeding record, 81
first nesting record, 574
Fisher, Ryan J., and Karen L. Wiebe, Investment in nest defense by Northern Flickers: effects of age and sex, 452–460
Flicker, Northern, see *Colaptes auratus*
flocks, multispecies feeding, 164
Flycatcher, Ash-throated, see *Myiarchus cinerascens*
  Great Crested, see *Myiarchus crinitus*
  Melanesian, see *Myiagra caledonica marinae*
  Pied, see *Ficedula hypoleuca*
  Social, see *Myiozetetes similis*
  Traill's, see *Empidonax traillii*
  Willow, see *Empidonax traillii*
food
  availability, 374
  delivery, 316
  provisioning, 99
  resources, 138, 316
  selection, 64
foraging
  attack distances, 333
  behavior, 101
  benthic invertebrate prey of shorebirds, 152
  competition, 64
  ecology, 380
  efficiency, 64, 333, 380
  habitat, 333
  microhabitat, 152
  multispecies flocks, 164
  opportunistic, 152
  skills, 527
  skills and parental care, 527
  success rates, 333
Francisco, Mercival R., Breeding biology of the Double-collared Seedeater (*Sporophila caerulescens*), 85–90
Fulica americana, 208–217, 415–418
  caribaea, 208–217
Furey, Maria A., and Dirk E. Burhans, Territory selection by upland Red-winged Blackbirds in experimental restoration plots, 391–398

G

Galapagos, 194, 244
Galictus vittata, 88
Gallicolumba sanctaecruscis, 307
Galligan, Edward W., Travis L. DeVault, and Steven L. Lima, Nesting success of grassland and savanna birds on reclaimed surface coal mines of the midwestern United States, 537–546
Gallus domesticus, 425
Galvez, Rafael A., Lexo Gavashelishvili, and Zura Javakhisvili, Raptors and owls of Georgia, reviewed, 582–583
Garcelon, David, K., *see* Lynn, Suellen, John A. Martin, and ———
García-C., J. Mauricio, and Rakan A. Zahawi, Predation by a Blue-crowned Motmot (*Momotus momota*) on a hummingbird, 261–263
Gardali, Thomas, and Nadav Nur, Site-specific survival of Black-headed Grosbeaks and Spotted Towhees at four sites within the Sacramento Valley, California, 178–186
Garrulus glandarius, 559
gastropods, 161
Gavia immer, 115, 425
Gee, Jennifer M., Natural occurrence of crowing in a free-living female Galliform, the California Quail, 256–259
gene flow, 194
Geopelia cuneata, 65
Geothlypis poliocephala, 574–576
  trichas, 353–363, 574
Gerygone, Fan-tailed, see *Gerygone flavolateralis correiae*
Gerygone flavolateralis correiae, 295–308

Girvan, M. Katharine, *see* Barg, Jennifer J., Jason Jones, ———, and Raleigh J. Robertson
gliding flight, of Broad-winged Hawk, 471
Glycifohia n. notabilis, 295–308
goat, feral, see *Capra hircus*
Goldeneye, Barrow's, see *Bucephala islandica*
Goldfinch, American, see *Carduelis tristis*
Gonzáles Rojas, José I., Miguel A. Cruz, Oscar Ballesteros Medrano, and Irene Ruvalcaba Ortega, First breeding record of a Mountain Plover in Nuevo Leon, Mexico, 81–84
Goose, Canada, see *Branta canadensis*
Goose, Giant Canada, in Once Upon a Time in American Ornithology, 577
Goose, Ross's, in Once Upon a Time in American Ornithology, 577
Goshawk, Brown, see *Accipiter faciatus*
Grey, see *Accipiter novaehollandiae*
Graber, Allen E., Craig A. Davis, and David M. Leslie, Jr., Golden-cheeked Warbler males participate in nest-site selection, 247–251
Gracilinanus spp., 95
Grackle, Great-tailed, see *Quiscalus mexicanus*
Grand, James B., *see* Tucker, James W., Jr., W. Douglas Robinson, and ———
grassland birds, 353, 537
grassland loss, 70
Grassquit, Black-faced, see *Tiaris bicolor*
Gratto-Trevor, Cheri L., The North American bander's manual for banding shorebirds (Charadriiformes: Suborder Charadrii), reviewed, 120
Great Abaco Island, 508
Grebe, Eared, see *Podiceps nigricollis*
Little, see *Tachybaptus ruficollis*
Pied-billed, see *Podilymbus podiceps*
Grim, Tomás, and Radim Šumbera, A new record of the endangered White-winged Nightjar (*Eleothreptus candicans*) from Beni, Bolivia, 109–112
Grinnell, George Bird, in Once Upon a Time in American Ornithology, 117
grison, see *Galictus vittata*
Grosbeak, Black-headed, see *Pheucticus melanocephalus*
ground squirrels, see *Spermophilus* spp.
Ground-Dove, Common, see *Columbina passerina*
Blue, see *Passerina caerulea*
Grouse, Sharp-tailed, see *Tympanuchus phasianellus*
Grus grus, 471–477
Guana Island, 218
Gull, Black-headed, see *Larus ridibundus*
Franklin, see *Larus pipixcan*
Great Black-backed, see *Larus marinus*
Herring, see *Larus argentatus*
Ring-billed, see *Larus delawarensis*
Guris, Paul A., review by, 124–125
Gustafson, Mary, reviews by, 123–124, 430–431, 434–435, 583–584
Gymnopithys leucaspis, 17
Gypaetus barbatus, 254–256

H

habitat
breeding, 237, 399
degradation, 70, 333
early-successional, 353
edge, 399
manipulation, 353
nest-site, 247, 281
preference, 353, 399
quality, 131, 178
restoration, 353
wetland, 208, 399
Haemaproteus spp., in Galapagos Doves, 203
Haematopus ostralegus, 176
palliates, 485–493
Hagen, Christian A., *see* Pitman, James C., ———, Brent E. Jamison, Robert J. Robel, Thomas M. Loughin, and Roger D. Applegate
Haliaeetus leucocephalus, 53, 380–390, 569–570
Hall, Kimberly R., *see* Kearns, Laura J., Emily D. Silverman, and ———
Harrier, Eastern Marsh, see *Circus spionotus*
Mantagu's, see *Circus pygargus*
Northern, see *Circus cyaneus*
Pallid, see *Circus macrourus*
Swamp, see *Circus approximans*
Western Marsh, see *Circus aeruginosus*
hatching success, 23
Hawk, Broad-winged, see *Buteo platypterus*
Cooper's, see *Accipiter cooperii*
Ferruginous, see *Buteo regalis*
Galapagos, see *Buteo galapagoensis*
Gray, see *Asturina nitidus*
Red-backed, see *Buteo polyosoma*
Red-shouldered, see *Buteo lineatus*
Red-tailed, see *Buteo jamaicensis*
Eastern, see *Buteo jamaicensis borealis*
Harlan's, see *Buteo jamaicensis harlani*
Rough-legged, see *Buteo lagopus*
Swainson's, see *Buteo swainsoni*
White-tailed, see *Buteo albicaudatus*
Hayslette, Steven E., Seed-size selection in Mourning Doves and Eurasian Collared-Doves, 64–69
Hearne, Samuel, in Once Upon a Time in American Ornithology, 577
Heliodoxa jacula, 261
Helmitheros vermivorum, 222
Herman, Steven G., review by, 273–275
Hernández, Fidel, Juan A. Arredondo, Froylán Hernández, Fred C. Bryant, and Leonard A. Brennan, Abnormal eggs and incubation behavior in Northern Bobwhite, 114–116
Hernández, Froylán, *see* Hernández, Fidel, Juan A. Arredondo, ———, Fred C. Bryant, and Leonard A. Brennan
Heron, Great Blue, see *Ardea herodias*
Grey, see *Ardea cinerea*
Heterophasia auricularis, 559
Hilty, Steven, Birds of tropical America: a watcher's introduction to behavior, breeding, and diversity, reviewed, 434–435

Himantopus mexicanus, 221
Hinds' acacia, see *Acacia hindsii*
Hoffman, Wayne, review by, 271–272
home-range
  movements, 502
  size, 138, 364
Honeyeater, Cardinal, see *Myzomela cardinalis tenuis*
  Micronesian, see *Myzomela rubratra*
  White-bellied, see *Glycifohia n. notabilis*
Horobin, David, Falconry in literature, reviewed, 585
Houston, Stuart, Once Upon a Time in American Ornithology, 577–579
Hughes, Janice M., *see* Debruyne, Christine A., ———, and David J. T. Hussell
human impacts, 295
Hummingbird, Anna's, see *Calypte anna*
  Antillean Crested, see *Orthorhyncus cristatus*
  Green-crowned Brilliant, see *Heliodoxa jacula*
Hung, Hisn-Yi, *see* Yuan, Hsiao-Wei, Sheng-Feng Shen, and ———
Hunter, John E., review by, 580–581
hunting at skyscrapers, 53
Hussell, David J. T., *see* Debruyne, Christine A., Janice M. Hughes, and ———
hybridization, of Swainson's and Rough-legged Hawks, 42
Hylophylax poecilinota, 17

I

Ibis, Glossy, see *Plegadis falcinellus*
  White, see *Eudocimus albus*
Icterus cucullatus, 414
  galbula, 55
  spurious, 540
Illinois River, 152
incubation
  abnormal, 114
  behavior, 485
  of Double-collared Seedeater, 85
  of Northern Bobwhite, 114
  prolonged, 114
  rhythms, 316
Ingalls, Victoria, *see* Staicer, Cynthia A., ———, and Thomas W. Sherry
insular species, 218
interactions
  male-female, 316
  within-pair, 316
interbreeding, 42
Ixobrychus exilis, 415–418

J

Jaguarondi, see *Herpailurus yaguarondi*
Jamison, Brent E., *see* Pitman, James C., Christian A. Hagen, ———, Robert J. Robel, Thomas M. Loughin, and Roger D. Applegate
Jay, Blue, see *Cyanocitta cristata*
  Eurasian, see *Garrulus glandarius*
  Plush-crested, see *Cyanocorax chrysops*
Jehl, Joseph R., Coloniality, mate retention, and nest-site characterization in the Semipalmated Sandpiper, 478–484
Johnson, Steven L., Do American Robins acquire songs by both imitating and inventing?, 341–352
Johnson, W. N., *see* Benson, Anna-Marie, Brad A. Andres, ———, Susan Savage, and Susan M. Sharbaugh
Jones, H. Lee, Birds of Belize, reviewed, 267–268
Jones, Jason, *see* Barg, Jennifer J., ———, M. Katharine Girvan, and Raleigh J. Robertson

K

Kearns, Laura J., Emily D. Silverman, and Kimberly R. Hall, Black-throated Blue Warbler and Veery abundance in relation to understory composition in northern Michigan forests, 461–470
Kershner, Eric L., and Eric C. Mruz, Nest interference by fledgling Loggerhead Shrikes, 75–80
Kershner, Eric L., *see* Walk, Jeffrey W., ———, and Richard E. Warner
Kestrel, American, see *Falco sparverius*
  Common, see *Falco tinnunculus*
  Lesser, see *Falco naumanni*
Killdeer, see *Charadrius vociferus*
Kingbird, Eastern, see *Tyrannus tyrannus*
Kingery, Hugh E., review by, 268–270
Kingfisher, Chestnut-bellied, see *Todiramphus farquhari*
  Collared, see *Todiramphus chloris santoensis*
  Ringed, see *Megaceryle torquata*
Kinglet, Golden-crowned, see *Regulus satrapa*
  Ruby-crowned, see *Regulus calendula*
Kirchman, Jeremy J., *see* Kratter, Andrew W., ———, and David W. Steadman
Kiskadee, Great, see *Pitangus sulphuratus*
Kite, Black, see *Milvus migrans*
  Black-shouldered, see *Elanus axillaris*
  Red, see *Milvus milvus*
Knopf, Fritz L., Once Upon a Time in American Ornithology, 117–119
Kratter, Andrew W., Jeremy J. Kirchman, and David W. Steadman, Upland bird communities on Santo, Vanuatu, Southwest Pacific, 295–308
Krementz, David G., *see* Stober, Jonathan M., and ———
Kroodsma, Donald E., The singing life of birds: the art and science of listening to birdsong, reviewed, 125–127
Kuehn, Michael J., *see* Rivers, James W., and ———

L

Labidus praedator, 17
Labisky, Ronald F., and John E. Arnett, Jr., Pair roosting of nesting Carolina Wrens (*Thryothorus ludovicianus*), 566–569
Lalage leucopyga albiloris, 295–308
  maculosa modesta, 295–308
Lampropeltis calligaster, 540

landfill, 380
Lane, Daniel F., Thomas Valqui H., José Alvarez A., Jessica Armenta, and Karen Eckhardt, The rediscovery and natural history of the White-masked Antbird (*Pithys castaneus*), 13–22
Lanius ludovicianus, 70–74, 75–80, 333–340
collurio, 457
Larracuente, Amanda M., *see* Morris, Sara R., ———, Kristen M. Covino, Melissa S. Mustillo, Kathryn E. Mattern, David A. Liebner, and H. David Sheets
Larus argentatus, 386, 420
delawarensis, 425
marinus, 420–422
pipixcan, 102, 415
ridibundus, 62
Lasiurus borealis, 55
Lavers, Jennifer L., Jonathan E. Thompson, Cynthia A. Paszkowski, and C. Davison Ankney, Variation in size and composition of Bufflehead (*Bucephala albeola*) and Barrow's Goldeneye (*Bucephala islandica*) eggs, 173–177
Lazell, James, *see* Boal, Clint W., Fred C. Sibley, Tracy S. Estabrook, and ———
Lee, Sandi L., *see* Elliott, Kyle H., Jason Duffe, ———, Pierre Mineau, and John E. Elliott
Leslie, David M., Jr., *see* Graber, Allen E., Craig A. Davis, and ———
Lieber, David A., *see* Morris, Sara R., Amanda M. Larracuente, Kristen M. Covino, Melissa S. Mustillo, Kathryn E. Mattern, ———, and H. David Sheets
Liguori, Jerry, Hawks from every angle, reviewed, 275–276
Lima, Steven L., *see* Galligan, Edward W., Travis L. DeVault, and ———
Limicola falcinellus, 478
Limnothlypis swainsonii, 249
Liolaemus sp., 251
livestock, 399
lizard, see *Liolaemus* sp.
Lockwood, Mark W., review by, 270–271
locomotion, 571
Loegering, John P., and Robert G. Anthony, Nest-site selection and productivity of American Dippers in the Oregon Coast Range, 281–294
longevity, 218
longleaf pine forests, see *Pinus palustris*
long-term banding, 326
Loon, Common, see *Gavia immer*
Lorenz, Stephan, Chris Butler, and Jimmy Paz, First nesting record of the Gray-crowned Yellowthroat (*Geothlypis poliocephala*) in the United States since 1894, 574–576
Lorikeet, Palm, see *Charmosyna palmarum*
Rainbow, see *Trichoglossus haematodus massena*
Loughin, Thomas M., *see* Pitman, James C., Christian A. Hagen, Brent E. Jamison, Robert J. Robel, ———, and Roger D. Applegate
Lovette, Irby J., Dustin R. Rubenstein, and Wilson Nderitu Watetu, Provisioning of fledgling conspecifics by males of the brood-parasitic cuckoos *Chrysococcyx klaas* and *C. caprius*, 99–101
Luscinia megarhynchos, 341
Lynn, Suellen, John A. Martin, and David K. Garcelon, Can supplemental foraging perches enhance habitat for endangered San Clemente Loggerhead Shrikes?, 333–340

M

Macaw, Military, see *Ara militaris*
Macropygia m. mackinlayi, 295–308
Magpie, Black-billed, see *Pica hudsonia*
Yellow-billed, see *Pica nuttalli*
male detectability, effect of pairing status on, 439
Mallard, see *Anas platyrhynchos*
Malurus cyaneus, 244
Margalida, Antoni, *see* Bertran, Joan, and ———
Margarops fuscatus, 221
Mariana Islands, 309
Marin-Togo, Consuelo, see Monterrubio-Rico, Tiberio C., Javier Cruz-Nieto, Ernesto Enkerlin-Hoeflich, Diana Venegas-Holguin, Lorena Tellez-Garcia, and ———
Marshall, James S., *see* Zuwerink, David A., and ———
Martin, Common House-, see *Delichon urbicum*
House, see *Delichon urbica*
Martin, John A., *see* Lynn, Suellen,———, and David K. Garcelon
mass
gain, 187
loss, 3
variation, during incubation, of Prothonotary Warbler, 3
variation, during nestling stage, of Prothonotary Warbler, 3
Massachusetts, 341, 353
mate retention, 478
Mattern, Kathryn E., *see* Morris, Sara R., Amanda M. Larracuente, Kristen M. Covino, Melissa S. Mustillo, ———, David A. Liebner, and H. David Sheets
Meadowlark, Eastern, see *Sturnella magna*
Medrano, Oscar Ballesteros, *see* Gonzáles Rojas, José I., Miguel A. Cruz, ———, and Irene Ruvalcaba Ortega
Megaceryle torquata, 91
Megapodius layardi, 295–308
Megapodius sp., 307
Melanerpes formicivorus, 75, 244
Melcher, Cynthia P., Epilogue to Once Upon a Time in American Ornithology (*Pinguinus*), 429
Meleagris gallopavo intermedia, 259–261
Meleagris gallopavo merriami, 259
Mellink, Eric, *see* Castillo-Guerrero, José Alfredo, and ———
Melospiza melodia, 353–363, 540
Melton, Kyle B. *see* Metz, Steve T., ———, Ray Aguirre, Bret A. Collier, T. Wayne Schwertner, Markus J. Peterson, and Nova J. Silvy

Mephitis mephitis, 32
Metz, Steve T., Kyle B. Melton, Ray Aguirre, Bret A. Collier, T. Wayne Schwertner, Markus J. Peterson, and Nova J. Silvy, Poult adoption and nest abandonment by a female Rio Grande Wild Turkey in Texas, 259–261
Mexico, 237
  Nuevo Leon, 81
migration, 53, 164, 471, 494, 547
  age-related differences, 547
  arrival dates, 326
  behavior, 471
  cost of, 471
  differential, 547
  sex-related differences, 547
  stopovers, 364, 513
  strategy, 471
  timing, 326, 547
Milis, Alexander M., *see* Caldwell, Sarah S., and ———
Milvus migrans, 50, 380
  milvus, 50
Mimus polyglottos, 319, 341
Mineau, Pierre, *see* Elliott, Kyle H., Jason Duffe, Sandi L. Lee, ———, and John E. Elliott
mist-netting, 218
mitochondrial DNA, 42
Mniotilta varia, 169, 523
Mockingbird, Northern, see *Mimus polyglottos*
Mockingbirds, Galapagos, see *Nesomimus* spp.
Molothrus ater, 107, 146, 319, 414, 418–419, 537
Momotus momota, 261
Monarch, Buff-bellied, see *Neolalage banksiana*
Monterrubio-Rico, Tiberio C., Javier Cruz-Nieto, Ernesto Enkerlin-Hoeflich, Diana Venegas-Holguin, Lorena Tellez-Garcia, and Consuelo Marin-Togo, Gregarious nesting behavior of Thick-billed Parrots (*Rhynchopsitta pachyrhyncha*) in aspen stands, 237–243
morphology, 326
Morris, Sara R., Amanda M. Larracuente, Kristen M. Covino, Melissa S. Mustillo, Kathryn E. Mattern, David A. Liebner, and H. David Sheets, Utility of open population models: limitations posed by parameter estimability in the study of migratory stopover, 513–526
Motmot, Blue-crowned, see *Momotus momota*
movements, between breeding and wintering areas, 494
  of Long-tailed Duck, 494
  of Tree Swallows, 502
mowing, 353
Mukhin, Andrey, *see* Chernetsov, Nikita, and ———
Mustillo, Melissa S., *see* Morris, Sara R., Amanda M. Larracuente, Kristen M. Covino, ———, Kathryn E. Mattern, David A. Liebner, and H. David Sheets
Myiagra caledonica marinae, 295–308
Myiarchus cinerascens, 553
  crinitus, 107
Myiozetetes similis, 564
Myotis lucifugus, 55
Myzomela cardinalis tenuis, 295–308
  rubratra 309–315
    dichromata, 309
    kobayashii, 309
    kurodai, 309
    major, 309
    rubratra, 309
    saffordi, 309–315

N

Nantucket Island, 353
natural history, 13
Nderitu Watetu, Wilson, *see* Lovette, Irby J., Dustin R. Rubenstein, and ———
Neolalage banksiana, 295–308
Nesomimus spp., 195
nest
  first description of, 309
  interference, 75
  parasitism, 413, 415, 418
  placement, 309
  poaching, 225
  predation, 563
  success, 23
nest-box occupancy, 552
nest defense
  by Northern Flickers, 452
  influence of age on, 452
  influence of body size on, 452
  influence of brood size on, 452
  influence of sex on, 452
  intensity, 452
  risk of, 452
nesting
  behavior, 75, 237
  density, 478
  ecology, 23
  gregarious, 237
  record, first, of Gray-crowned Yellowthroat, 574
  success, 70, 85, 145, 208, 225, 316, 485, 537, 552, 563
nest-site
  characteristics, 478
  fidelity, 23
  selection, 247, 281
New Mexico, 187
Nighthawk, Common, see *Chordeiles minor*
Night-Heron, Black-crowned, see *Nycticorax nycticorax*
  Yellow-crowned, see *Nycticorax violacea*
Nightingale, see *Luscinia megarhynchos*
Nightjar, Whitewinged, see *Eleothreptus candicans*
nocturnal hunting, 53
Norman, David, review by, 120
Northern Bobwhite, see *Colinus virginianus*
Northern Wheatear, see *Oenanthe oenanthe*
nuclear DNA, 42
Nuevo Leon, Mexico, 81
Numenius americanus, 83, 425
Nur, Nadav, *see* Gardali, Thomas, and ———

Nuthatch, Red-breasted, see *Sitta canadensis*
Nycticorax nycticorax, 101–104, 215
violacea, 215

O

oak woodland, 552
O'Brien, Michael, review by 267–268
Odocoileus virginianus, 461–470
Oenanthe oenanthe, 10
Ojeda, Valerie S., and M. Laura Chazarreta, Provisioning of Magellanic Woodpecker (*Campephiluss magellanicus*) nestlings with vertebrate prey, 251–254
Oklahoma, 413
oligochaetes, 152–163
Oligoryzomys nigripes, 95
Oliveras de Ita, Adán and Octavio R. Rojas-Soto, Ant presence in acacias: an association that maximizes nesting success in birds, 563–566
Ontario, 326, 374
open population models, 513
opossum, see *Didelphis* spp.
Oregon Coast Range, 281
Oriole, Baltimore, see *Icterus galbula*
Hooded, see *Icterus cucullatus*
Orchard, see *Icterus spurius*
Ortega, Irene Ruvalcaba, *see* Gonzáles Rojas, José I., Miguel A. Cruz, Oscar Ballesteros Medrano, and ———
Orthorhyncus cristatus, 219, 422–423
Osprey, see *Pandion haliaetus*
Ostrow, Bruce D., Bald Eagle kills crow chasing a hawk, 569–570
Otus asio, 425, 457
flammeolus, 187–193
Ovenbird, see *Seiurus aurocapilla*
Owen, Jennifer L., and James C. Cokendolpher, Tailless whipscorpion (*Phrynus longipes*) feeds on Antillean Crested Hummingbird (*Orthorhyncus cristatus*), 422–423
Owl, Boreal, see *Aegolius funereus*
Burrowing, see *Athene cunicularia*
Eastern Screech-, see *Otus asio*
Flammulated, see *Otus flammeolus*
Mexican Spotted, see *Strix occidentalis lucida*
Northern Saw-whet, see *Aegolius acadicus*
Oxymycterus sp., 95
Oxyura jamaicensis, 176
Oystercatcher, American, see *Haematopus palliatus*
Oystercatcher, Eurasian, see *Haematopus ostralegus*

P

Pachycephala [pectoralis] caledonica intacta, 295–308
pair roosting, of Carolina Wrens, 566
Panama, 225
Pandion haliaetus, 53
Parakeet, Echo, see *Psittacula echo*
parameter
estimability, 513
uncertainty, 513
parasitism, 23, 537
parentage analysis, 502
Parker, Patricia G., *see* Santiago-Alarcon, Diego, Susan M. Tanksley, and ———
Parrot, Amazon, see *Amazona ochrocephala panamensis*
Lilac-crowned, see *Amazona finschi*
Maroon-fronted, see *Rhynchopsitta terrisi*
Red-fan, see *Deroptyus accipitrinus*
Thick-billed, see *Rhynchopsitta pachyrhyncha*
Yellow-crowned, see *Amazona ochrocephala*
Parrot-Finch, Red-headed, see *Erythrura cyaneovirens*
Parula americana, 223, 523
Parula, Northern, see *Parula americana*
Parus major, 457
Passer domesticus, 553
Passerculus sandwichensis, 353–363, 414
Passerina caerulea, 107–108, 540
cyanea, 223, 540
spp., 575
Paszkowski, Cynthia A., *see* Lavers, Jennifer L., Jonathan E. Thompson, ———, and C. Davison Ankney
Patagonia, 251
paternity, extra-pair, 244
Paz, Jimmy, *see* Lorenz, Stephan, Chris Butler, and ———
Peer, Brian D., American Coot parasitism on Least Bitterns, 415–418
Penguin, Chinstrap, see *Pygoscelis antarctica*
perch density, 391
Percnostola arenarum, 17
Peterson, Markus J., *see* Metz, Steve T., Kyle B. Melton, Ray Aguirre, Bret A. Collier, T. Wayne Schwertner, ———, and Nova J. Silvy
Petrochelidon pyrrhonota, 414
Phalarope, Red-necked, see *Phalaropus lobatus*
Phalaropus lobatus, 222
Phasianus colchicus, 27, 540
Pheasant, Ring-necked, see *Phasianus colchicus*
Pheucticus melanocephalus, 178–186
Phlegopsis erythroptera, 17–19
Phoebe, Black, see *Sayornis nigricans*
Phrygilus patagonicus, 252
Phrynus longipes, 422–423
Pica hudsonia, 532
Pica nuttalli, 532–536
Picoides lignarius, 252
Pigeon
Pacific Imperial, see *Ducula pacifica pacifica*
Passenger, in Once Upon a Time in American Ornithology, 117
Passenger, see *Ectopistes migratoria*
Rock, see *Columba livia*
Vanuatu Imperial, see *Ducula bakeri*
White-throated, see *Clomba vitiensis leopoldi*
Pinguinus impennis, 427–429
Pintail, White-Cheeked, see *Anas Bahamensis*, 215
Pinus palustris, 131–137, 138–144
Pipilo erythrophthalmus, 142, 353–363

maculatus, 178–186
Piranga rubra, 367
Pitangus sulphuratus, 88
Pithys albifrons peruvianus, 17, 18
castaneus, 13–22
Pitman, James C., Christian A. Hagen, Brent E. Jamison, Robert J. Robel, Thomas M. Loughin, and Roger D. Applegate, Nesting ecology of Lesser Prairie-Chickens in sand sagebrush prairie of southwestern Kansas, 23–35
Pituophis melanoleucus, 23, 27
Plegadis falcinellus, 420–422
Plover, Mountain, see *Charadrius montanus*
Wilson's, see *Charadrius wilsonia*
Podiceps nigricollis, 112–113
Podilymbus podiceps, 416
Poecile atricapillus, 164–172, 418
carolinensis, 418–419
hudsonica, 164–172
montanus, 10
polydactyly, 424
Pompadour Cotinga, see *Xipholena punicea*
population, 131, 194
density, 131
sink, 178
Populus tremuloides, 237
Porras, Pablo, *see* Careau, Vincent, Jean-François Therrien, ———, Don Thomas, and Keith Bildstein
Porzana sp., 307
poult adoption, 259
Prairie-Chicken, Attwater's Greater, see *Tympanuchus cupido attwateri*
Greater, see *Tympanuchus cupido*
Lesser, see *Tympanuchus pallidicinctus*
prairie dog, black-tailed, see *Cynomys ludovicianus*
prebasic body molt
patterns, 374
timing, 374
predation, 23, 53, 59, 70, 85, 112, 152, 225, 261, 420, 422, 569
by Black-crowned Night Heron, 101
by Great Blue Heron, 112
nest, 316
of Amercan Crow by Bald Eagle, 569
of Eared Grebe by Great Blue Heron, 112
of Glossy Ibis by Great Black-backed Gulls, 420
of hummingbird by Blue-crowned Motmot, 261
prescribed fire, 508
prey
invertebrate, 152, 251
vertebrate, 251, 261, 420, 422
prey selection, of White-tailed Hawk, 91
Procyon cancrivorus, 88
lotor, 72
productivity, 281
Protonotaria citrea, 3–12
Pseudomyrmex spp., 563–566
Psittacula echo, 79
Ptilinopus greyii, 295–308
tannensis, 295–308
Pygarrhichas albogularis, 252
Pygoscelis antarctica, 244
Pyrrhocorax graculus, 380

Q

Quail, California, see *Callipepla californica*
Common, see *Coturnix coturnix*
Gambel's, see *Callipepla gambelii*
Japanese, see *Coturnix japonica*
Quebec, 411
Quetzal, Eared, see *Euptilotis neoxenus*
Quiscalus mexicanus, 416

R

rabbit, eastern cottontail, see *Sylvilagus floridanus*
raccoons, see *Procyon* spp.
radiotelemetry, 138, 364
Rail, flightless, see *Porzana* sp.
rats, see *Rattus* spp.
Rattus spp., 102, 215
Raven, Chihuahuan, see *Corvus cryptoleucus*
Common, see *Corvus corax*
Rayadito, Thorn-tailed, see *Aphrastura spinicauda*
recapture, 178, 187
probability, 178
reclaimed surface coal mines, 537
recreational disturbance, 485
Redhead, see *Aythya americana*
Redstart, American, see *Setophaga ruticilla*
Redwing, see *Turdus iliacus*
Regulus calendula, 521, 522
satrapa, 522
Reidy, Jennifer L., *see* Sachtleben, Thalia, ———, and Julie A. Savidge
reproductive
behavior, 225
ecology, 145, 208, 225, 259
success, 145, 208, 281
restoration plots, 391
Rhegmatorhina melanosticta, 18
Rhipidura albiscapa brenchleyi, 295–308
spilodera spilodera, 295–308
Rhynchopsitta pachyrhyncha, 237–243
terrisi, 237
Rich, Terrell D., Partners in flight: North American landbird conservation, reviewed, 123–124
Richardson, Michael J., *see* Craik, Shawn R., Rodger D. Titman, Amélie Rousseau, and ———
Riehl, Christina, Widespread cannibalism by fledglings in a nesting colony of Black-crowned Night-Herons, 101–104
Risch, Thomas S., and Thomas J. Robinson, First observation of cavity nesting by a female Blue Grosbeak, 107–108
Rivers, James W., and Michael J. Kuehn, Predation of Eared Grebe by Great Blue Heron, 112–113
Robel, Robert J., *see* Pitman, James C., Christian A. Hagen, Brent E. Jamison, ———, Thomas M. Loughin, and Roger D. Applegate

Robertson, Raleigh J., *see* Barg, Jennifer J., Jason Jones, M. Katharine Girvan, and ———
Robin, American, see *Turdus migratorius*
European, see *Erithacus rubecula*
Pacific, see *Petroica multicolor ambrynensis*
Robinson, Thomas J., *see* Risch, Thomas S., and ———
Robinson, W. Douglas, *see* Tucker, James W., Jr., ———, and James B. Grand
Rochepault, Yann, *see* Buidin, Christophe, ———, Michel Savard, and Jean-Pierre L. Savard
Rodríguez Castillo, Angélica M., and Jessica R. Eberhard, Reproductive behavior of the Yellow-crowned Parrot (*Amazona ochrocephala*) in western Panama, 225–236
Rogers, Christopher M., Nesting success and breeding biology of Cerulean Warblers in Michigan, 145–151
Rojas-Soto, Octavio R., *see* Oliveras de Ita, Adán, and ———
roosting
behavior, 532, 566
locations, 502, 532, 566
roost-site selection
thermal aspects of, 532, 566
vegetation aspects of, 532
Rousseau, Amélie, *see* Craik, Shawn R., Rodger D. Titman, ———, and Michael J. Richardson
Ruback, Patricia A., *see* Walley, Harlan D., and ———, review by
Rubenstein, Dustin R., *see* Lovette, Irby J., ———, and Wilson Nderitu Watetu
Russia, 364

S

Saab, Victoria A., and Hugh D. W. Powell (Eds.), Fire and avian ecology in North America, reviewed, 580–581
Sachtleben, Thalia, Jennifer L. Reidy, and Julie A. Savidge, A description of the first Micronesian Honeyeater (*Myzomela rubratra saffordi*) nests found on Saipan, Mariana Islands, 309–315
Sacramento River, 178
sagebrush, see *Artemisia* spp.
sand, see *Artemisia filifolia*
Sage-Grouse, Greater, see *Centrocercus urophasianus*
Gunnison, see *Centrocercus minimus*
Saipan, 309
Sakai, Walter H., Polydactyly in a Vaux's Swift, 424–426
Sandpiper, Broad-billed, see *Limicola falcinellus*
Least, see *Calidris minutilla*
Pectoral, see *Calidris melanotos*
Semipalmated, see *Calidris pusilla*
Spotted, see *Actitis macularius*
Stilt, see *Calidris himantopus*
Western, see *Calidris mauri*
sand sagebrush prairie, 23
Santa Rosa Mountains, 256
Santiago-Alarcon, Diego, Susan M. Tanksley, and Patricia G. Parker, Morphological variation and genetic structure of Galapagos Dove (*Zenaida Galapagoensis*) populations: issues in conservation for the Galapagos bird fauna, 194–207
satellite transmitters, 494
Savage, Susan, *see* Benson, Anna-Marie, Brad A. Andres, W. N. Johnson, ———, and Susan M. Sharbaugh
savanna birds, 537
Savannah River Site, 138
Savard, Jean-Pierre L., *see* Buidin, Christophe, Yann Rochepault, Michel Savard, and ———
Savard, Michel, *see* Buidin, Christophe, Yann Rochepault, ———, and Jean-Pierre L. Savard
Savidge, Julie A., *see* Sachtleben, Thalia, Jennifer L. Reidy, and ———
Sayornis nigricans, 414
scavenging, 101
Schwertner, T. Wayne, *see* Metz, Steve T., Kyle B. Melton, Ray Aguirre, Bret A. Collier, ———, Markus J. Peterson, and Nova J. Silvy
Sciurus niger, 150
Scolopax minor, 55
Sedgwick, James A.
Message from the editor: the new *Wilson Journal of Ornithology*, 1–2
Once Upon a Time in American Ornithology, 264–266
review by, 125–127
seed-size selection, 64
Seiurus aurocapilla, 169, 523
noveboracensis, 523
selection, nest-site, 247, 281
territory, 391
Setophaga ruticilla, 149, 223, 249, 374–379, 439–451, 523
sexual dimorphism, 558
Sharbaugh, Susan M., *see* Benson, Anna-Marie, Brad A. Andres, W. N. Johnson, Susan Savage, and ———
Sheets, David H., *see* Morris, Sara R., Amanda M. Larracuente, Kristen M. Covino, Melissa S. Mustillo, Kathryn E. Mattern, David A. Liebner, and ———
Shen, Sheng-Feng, *see* Yuan, Hsiao-Wei, ———, and Hisn-Yi Hung
Sherry, Thomas W., *see* Staicer, Cynthia A., Victoria Ingalls, and ———
Shew, Justin J., American Crow caches rabbit kits, 572–573
Shikra, see *Accipiter badius*
shorebirds, 152
Shoveler, Northern, see *Anas clypeata*
Shrike, Loggerhead, see *Lanius ludovicianus*
Red-backed, see *Lanius collurio*
Shrikebill, Southern, see *Clytorhynchus pachycephaloides grisescens*
shrubland species, 353
Sialia currucoides, 10
mexicana, 552–557
sialis, 107, 114, 552–557
Sibia, Taiwan, see *Heterophasia auricularis*

Sibley, Fred C., *see* Boal, Clint W., ———, Tracy S. Estabrook, and James Lazell
Sierra-Finch, Patagonian, see *Phrygilus patagonicus*
Silver-eye, see *Zosterops lateralis tropicus*
Silverman, Emily D., *see* Kearns, Laura J., ———, and Kimberly R. Hall
Silvy, Nova J., *see* Metz, Steve T., Kyle B. Melton, Ray Aguirre, Bret A. Collier, T. Wayne Schwertner, Markus J. Peterson, and ———
singing
behavior and pairing status, 439
mode, 439
Sitta canadensis, 164–172, 522
size dimorphism, 527
skill development, 527
skunk, striped, see *Mephitis mephitis*
Skutchia spp., 18
small mammal abundance, 91
snake, black rat, see *Elaphe obsolete obsolete*
brown tree, see *Boiga irregularis*
garter, see *Thamnophis* spp.
gopher, see *Pituophis melanoleucus*
prairie king, see *Lampropeltis calligaster*
racer, see *Coluber constrictor*
Snipe, Common (Wilson's), see *Capella gallinago*
soaring flight, of Broad-winged Hawk, 471
Somateria mollissima, 421
song
acquisition, 341
delivery, 439
imitation, 341
invention, 341
rates, 439
repertoire, 341
songbirds
insectivorous, 164
non-breeding, 164
Sordahl, Tex A., Field experiments on eggshell removal by Mountain Plovers, 59–63
South Carolina, 138
Southwest Pacific, 295
Sparrow, Bachman's, see *Aimophila aestivalis*
Field, see *Spizella pusilla*
Florida Grasshopper, see *Ammodramus savannarum floridanus*
Grasshopper, see *Ammodramus savannarum*
House, see *Passer domesticus*
Savannah, see *Passerculus sandwichensis*
Song, see *Melospiza melodia*
White-throated, see *Zonotrichia albicollis*
Worthen's, see *Spizella wortheni*
Sparrowhawk, Levant, see *Accipiter brevipes*
sparrows, 131, 138, 326
species, new record, 218
rediscovery, 13
richness, 399
Spermophilus spp., 27
Spindalis portoricensis, 571–572
Spindalis, Puerto Rican, see *Spindalis portoricensis*
Spiza americana, 539
Spizella pusilla, 537–546
wortheni, 83
Sporophila albogularis, 88
americana, 88
caerulescens, 85–90
collaris, 88
lineola, 88
nigricollis, 88
ruficollis, 88
torqueola, 88
spruce budworm, see *Choristoneura fumiferana*
squirrel, eastern fox, see *Sciurus niger*
red, see *Tamiasciurus hudsonicus*
St. Croix, 194
Staicer, Cynthia A., Victoria Ingalls, and Thomas W. Sherry, Singing behavior varies with breeding status of American Redstarts (*Setophaga ruticilla*), 439–451
Starling, European, see *Sturnis vulgaris*
Mountain, see *Aplonis santovestris*
Rufous-winged, see *Aplonis zelandicus*
Steadman, David W., *see* Kratter, Andrew W., Jeremy J. Kirchman, and ———
Sterna antillarum, 215
dougallii, 106
fuscata, 425
hirundo, 103, 105
paradisaea, 105
spp., 421
Stilt, Banded, see *Cladorhynchus leucocephalus*
Black-necked, see *Himantopus mexicanus*
Stober, Jonathan M., and David G. Krementz, Variation in Bachman's Sparrow home-range size at the Savannah River Site, South Carolina, 138–144
Stork, White, see *Ciconia ciconia*
Streptopelia decaocto, 64–69
Strix occidentalis lucida, 241
strut, display, 36
rate, 36
Sturnella magna, 402, 539
Sturnis vulgaris, 173, 453, 553
Sula granti, 244–247
nebouxii, 246, 527–531
Šumbera, Radim, *see* Grim, Tomás, and ———
supplemental foraging perches, 333
survival
brood, 208
site-specific, 178
Swallow, Cliff, see *Petrochelidon pyrrhonota*
Tree, see *Tachycineta bicolor*
Violet-green, see *Tachycineta thalassina*
Swift, Chimney, see *Chaetura pelagica*
Common, see *Apus apus*
Vaux's, see *Chaetura vauxi*
Swiftlet, Glossy, see *Collocalia esculenta uropygialis*
Uniform, see *Collocalia v. vanikorensis*
Sylvia atricapilla, 191, 371
Sylvilagus floridanus, 572–573

T

Tachybaptus ruficollis, 113
Tachycineta bicolor, 75, 457, 553

thalassina, 553
Tamiasciurus hudsonicus, 452
Tanager, Summer, see *Piranga rubra*
Tanksley, Susan M., *see* Santiago-Alarcon, Diego, ———, and Patricia G. Parker
Taxidea taxus, 32
taxonomy, 13
Taylor, Sonja E., and Jessica R. Young, A comparative behavioral study of three Greater Sage-Grouse populations, 36–41
Tayra, see *Eira barbara*
Teal, Blue-winged, see *Anas discors*
Cinnamon, see *Anas cyanoptera*
Green-winged, see *Anas crecca*
Tellez-Garcia, Lorena, *see* Monterrubio-Rico, Tiberio C., Javier Cruz-Nieto, Ernesto Enkerlin-Hoeflich, Diana Venegas-Holguin, ———, and Consuelo Marin-Togo
Tern, Arctic, see *Sterna paradisaea*
Black, see *Chilidonias niger surinamensis*
Common, see *Sterna hirundo*
Least, see *Sterna antillarum*
Roseate, see *Sterna dougallii*
Sooty, see *Sterna fuscata*
Texas, 259
Thamnophilidae, molecular phylogeny of, 20
Thamnophis spp., 540
Therrien, Jean-François, *see* Careau, Vincent, ———, Pablo Porras, Don Thomas, and Keith Bildstein
Thicketbird, Melanesian, see *Cichlornis whitneyi*
Thomas, Don, *see* Careau, Vincent, Jean-François Therrien, Pablo Porras, ———, and Keith Bildstein
Thompson, Jonathan E., *see* Lavers, Jennifer L., ———, Cynthia A. Paszkowski, and C. Davison Ankney
Thrasher, Brown, see *Toxostoma rufum*
Pearly-eyed, see *Margarops fuscatus*
Thrush, Austral, see *Turdus falcklandii*
Gray-cheeked, see *Catharus minimus*
Hermit, see *Catharus guttatus*
Island, see *Turdus poliocephalus*
Song, see *Turdus philomelos*
Swainson's, see *Catharus ustulatus*
Thryothorus felix, 563
ludovicianus, 75, 413–415, 566–569
sinaloa, 563
Tiaris bicolor, 221
Tietje, William D., *see* Fiehler, Craig M., ———, and William R. Fields
Timaliine babbler, 558–562
Tit, Great, see *Parus major*
Titman, Rodger D., *see* Craik, Shawn R., ———, Amélie Rousseau, and Michael J. Richardson
Titmouse, Tufted, see *Baeolophus bicolor*
Towhee, Eastern, see *Pipilo erythrophthalmus*
Spotted, see *Pipilo maculatus*
Toxostoma rufum, 540
Treerunner, White-throated, see *Pygarrhichas albogularis*
Trichoglossus haematodus massena, 295–308
Trichomonas gallinae, in Galapagos Doves, 203
Triller, Long-tailed, see *Lalage leucopyga albiloris*
Polynesian, see *Lalage maculosa modesta*
Tringa flavipes, 156
Troglodytes aedon, 10, 75, 252, 318, 414, 419, 553
Tucker, James W., Jr., W. Douglas Robinson, and James B. Grand, Breeding productivity of Bachman's Sparrows in fire-managed longleaf pine forests, 131–137
Turdus falcklandii, 252
iliacus, 191
merula, 348
migratorius, 341–352, 540
philomelos, 114
poliocephalus, 295–308
Turkey, Merriam's Wild, see *Meleagris gallopavo merriami*
Rio Grande Wild, see *Meleagris gallopavo intermedia*
Turkey Vulture, see *Cathartes aura*
Tympanuchus cupido, attwateri, 31
pallidicinctus, 23–35
phasianellus, 31
Tyrannus tyrannus, 357, 540

U, V

understory-dependent birds, 461
United States Virgin Islands, 194
Uropsila leucogastra, 563
Valqui H., Thomas, *see* Lane, Daniel F., ———, José Alvarez A., Jessica Armenta, and Karen Eckhardt
Van Perlo, Ber, Birds of Mexico and Central America, reviewed, 583–584
Vancouver Island, 380
Vanuatu, 295
Vanuatu Megapode, see *Megapodius layardi*
variation, morphological, 194
varillal forest, 13
Veery, see *Catharus fuscescens*
Venegas-Holguin, Diana, *see* Monterrubio-Rico, Tiberio C., Javier Cruz-Nieto, Ernesto Enkerlin-Hoeflich, ———, Lorena Tellez-Garcia, and Consuelo Marin-Togo
Vermivora chrysoptera, 222
peregrina, 164–172
Vickery, Peter D., *see* Zucherberg, Benjamin, and ———
vineyards, 552
Vireo bellii, 540
flavifons, 221
olivaceus, 169, 218–224, 522
solitarius, 522
Vireo, Bell's, see *Vireo bellii*
Blue-headed, see *Vireo solitarius*
Red-eyed, see *Vireo olivaceus*
Yellow-throated, see *Vireo flavifons*
vocalizations, 145, 256, 295
nonsong, 145, 256
Vulture, Bearded, see *Gypaetus barbatus*
Cape, see *Gyps coprotheres*

Rueppell's, see *Gyps rueppellii*

W

Wahl, Terence R., Bill Tweit, and Steven G. Mlodinow (Eds.), reviewed, 271–272
Walk, Jeffrey W., Eric L. Kershner, and Richard E. Warner, Low nesting success of Loggerhead Shrikes in an agricultural landscape, 70–74
Walley, Harlan D.
and Patricia A. Ruback, review by, 581–582
reviews by, 433–434, 581–582
Warbler, Bay-breasted, see *Dendroica castanea*
Black-and-white, see *Mniotilta varia*
Blackburnian, see *Dendroica fusca*
Blackpoll, see *Dendroica striata*
Black-throated Blue, see *Dendroica cerulescens*
Black-throated Gray, see *Dendroica nigrescens*
Black-throated Green, see *Dendroica virens*
Cape May, see *Dendroica tigrina*
Cerulean, see *Dendroica cerulea*
Chestnut-sided, see *Dendroica pensylvanica*
Eurasian Reed, see *Acrocephalus scirpaceus*
Golden-cheeked, see *Dendroica chrysoparia*
Golden-winged, see *Vermivora chrysoptera*
Hermit, see *Dendroica occidentalis*
Hooded, see *Wilsonia citrina*
Magnolia, see *Dendroica magnolia*
Prairie, see *Dendroica discolor*
Prothonotary, see *Protonotaria citrea*
Sedge, see *Acrocephalus schoenobaenus*
Swainson's, see *Limnothlypis swainsonii*
Tennessee, see *Vermivora peregrine*
Townsend, see *Dendroica townsendi*
Wilson's, see *Wilsonia pusilla*
Worm-eating, see *Helmitheros vermivorum*
Yellow, see *Dendroica petechia*
Yellow-rumped, see *Dendroica coronata*
Warner, Richard E., *see* Walk, Jeffrey W., Eric L. Kershner, and ———
Waterthrush, Northern, see *Seiurus noveboracensis*
Waxwing, Cedar, see *Bombycilla cedrorum*
whipscorpion, tailless (whip spiders), see *Phrynus longipes*
Whistler, New Caledonian, see *Pachycephala [pectoralis] caledonica intacta*
White-eye, Bridled, see *Zoserops conspicillatus saypani*
Golden, see *Cleptornis marchei*
Yellow-fronted, see *Zosterops flavifrons brevicauda*
white-tailed deer, browsing of understory, 461
Wiebe, Karen L., *see* Fisher, Ryan J., and ———
Williams, Ernest H., Jr., and Lucy Bunkley-Williams, Rapid beak-swinging locomotion in the Puerto Rican Spindalis, 571–572
Willow Tits, see *Poecile montanus*
Wilson, Alexander, in Once Upon a Time in American Ornithology, 264
Wilsonia citrina, 223
pusilla, 523, 547–551
Witt, Christopher C., *see* Clark, William S., and ———
Wood, Douglas R., and William A. Carter, Carolina Wren nest successfully parasitized by House Finch, 413–415
Woodpecker, Acorn, see *Melanerpes formicivorus*
Ivory-billed, in Once Upon a Time in American Ornithology, 264
Magellanic, see *Campephilu magellanicus*
Striped, see *Picoides lignarius*
Woodswallow, White-breasted, see *Artamus leucorhynchus tenuis*
Wren, Carolina, see *Thryothorus ludovicianus*
Happy, see *Thryothorus felix*
House, see *Troglodytes aedon*
Marsh, see *Cistothorus palustris*
Rufous-naped, see *Campylorhynchus rufinucha*
Sedge, see *Cistothorus platensis*
Sinaloa, see *Thryothorus sinaloa*
White-bellied, see *Uropsila leucogastra*

X, Y

Xanthocephalus xanthocephalus, 391–398, 416, 454
Xipholena punicea, 20
Xiphorhynchus ocellatus, 17
Xolmis pyrope, 252
Yellowlegs, Lesser, see *Tringa flavipes*
Yellowthroat, Common, see *Geothlypis trichas*
Gray-crowned, see *Geothlypis poliocephala*
Yosef, Reuven, reviews by, 582–583, 585
Young, Jessica R., *see* Taylor, Sonja E., and ———
Yuan, Hsiao-Wei, Sheng-Feng Shen, and Hisn-Yi Hung, Sexual dimorphism, dispersal patterns, and breeding biology of the Taiwan Yuhina: a joint-nesting passerine, 558–562
Yuhina brunneiceps, 558–562
Yuhina, Taiwan, see *Yuhina brunneiceps*

Z

Zahawi, Rakan A., *see* García-C., J. Mauricio, and ———
Zenaida aurita, 222
galapagoensis, 194–207
macroura, 64–69, 203, 540
Zonotrichia albicollis, 169, 326–332, 521, 523
Zosterops conspicillatus saypani, 311
flavifrons brevicauda, 295–308
lateralis tropicus, 295–308
Zuckerberg, Benjamin, and Peter D. Vickery, Effects of mowing and burning on shrubland and grassland birds on Nantucket Island, Massachusetts, 353–363
Zuwerink, David A., and James S. Marshall, Brown-headed Cowbird's fatal attempt to parasitize a Carolina Chickadee nest, 418–419

CONTENTS OF VOLUME 118

NUMBER 1

1 **Message from the Editor**

Major Articles

3 Variation in mass of female Prothonotary Warblers during nesting
Charles R. Blem and Leann B. Blem

13 The rediscovery and natural history of the White-masked Antbird (*Pithys castaneus*)
Daniel F. Lane, Thomas Valqui H., José Alvarez A., Jessica Armenta, and Karen Eckhardt

23 Nesting ecology of Lesser Prairie-Chickens in sand sagebrush prairie of southwestern Kansas
James C. Pitman, Christian A. Hagen, Brent E. Jamison, Robert J. Robel, Thomas M. Loughin, and Roger D. Applegate

36 A comparative behavioral study of three Greater Sage-Grouse populations
Sonja E. Taylor and Jessica R. Young

42 First known specimen of a hybrid *Buteo*: Swainson's Hawk (*Buteo swainsoni*) × Rough-legged Hawk (*B. lagopus*) from Louisiana
William S. Clark and Christopher C. Witt

53 Nocturnal hunting by Peregrine Falcons at the Empire State Building, New York City
Robert DeCandido and Deborah Allen

59 Field experiments on eggshell removal by Mountain Plovers
Tex A. Sordahl

64 Seed-size selection in Mourning Doves and Eurasian Collared-Doves
Steven E. Hayslette

70 Low nesting success of Loggerhead Shrikes in an agricultural landscape
Jeffery W. Walk, Eric L. Kershner, and Richard E. Warner

75 Nest interference by fledgling Loggerhead Shrikes
Eric L. Kershner and Eric C. Mruz

81 First breeding record of a Mountain Plover in Nuevo Leon, Mexico
José I. González Rojas, Miguel A. Cruz Nieto, Oscar Ballesteros Medrano, and Irene Ruvalcaba Ortega

85 Breeding biology of the Double-collared Seedeater (*Sporophila caerulescens*)
Mercival R. Francisco

91 Small mammal selection by the White-tailed Hawk in southeastern Brazil
Marco A. Monteiro Granzinolli and José Carlos Motta-Junior

Short Communications

99 Provisioning of fledgling conspecifics by males of the brood-parasitic cuckoos *Chrysococcyx klaas* and *C. caprius*
Irby J. Lovette, Dustin R. Rubenstein, and Wilson Nderitu Watetu

101 Widespread cannibalism by fledglings in a nesting colony of Black-crowned Night-Herons
Christina Riehl

104 First report of Black Terns breeding on a coastal barrier island
Shawn R. Craik, Rodger D. Titman, Amélie Rousseau, and Michael J. Richardson

107 First observation of cavity nesting by a female Blue Grosbeak
Thomas S. Risch and Thomas J. Robinson

109 A new record of the endangered White-winged Nightjar (*Eleothreptus candicans*) from Beni, Bolivia
Tomáš Grim and Radim Šumbera

112 Predation of Eared Grebe by Great Blue Heron
James W. Rivers and Michael J. Kuehn

114 Abnormal eggs and incubation behavior in Northern Bobwhite
Fidel Hernández, Juan A. Arredondo, Froylán Hernández, Fred C. Bryant, and Leonard A. Brennan

117 **Once Upon a Time in American Ornithology**

120 **Ornithological Literature**

NUMBER 2

Major Articles

131 Breeding productivity of Bachman's Sparrows in fire-managed longleaf pine forests
James W. Tucker, Jr., W. Douglas Robinson, and James B. Grand

138 Variation in Bachman's Sparrow home-range size at the Savannah River Site, South Carolina
Jonathan M. Stober and David G. Krementz

145 Nesting success and breeding biology of Cerulean Warblers in Michigan
Christopher M. Rogers

152 Migrant shorebird predation on benthic invertebrates along the Illinois River, Illinois
Gabriel L. Hamer, Edward J. Heske, Jeffrey D. Brawn, and Patrick W. Brown

164 Composition and timing of postbreeding multispecies feeding flocks of boreal forest passerines in western Canada
Keith A. Hobson and Steve Van Wilgenburg

173 Variation in size and composition of Bufflehead (*Bucephala albeola*) and Barrow's Goldeneye (*Bucephala islandica*) eggs
Jennifer L. Lavers, Jonathan E. Thompson, Cynthia A. Paszkowski, and C. Davison Ankney

178 Site-specific survival of Black-headed Grosbeaks and Spotted Towhees at four sites within the Sacramento Valley, California
Thomas Gardali and Nadav Nur

187 Pre-migratory fattening and mass gain in Flammulated Owls in central New Mexico
John P. DeLong

194 Morphological variation and genetic structure of Galapagos Dove (*Zenaida galapagoensis*) populations: issues in conservation for the Galapagos bird fauna
Diego Santiago-Alarcon, Susan M. Tanksley, and Patricia G. Parker

208 Breeding ecology of American and Caribbean coots at Southgate Pond, St. Croix: use of woody vegetation
Douglas B. McNair and Carol Cramer-Burke

218 Insular and migrant species, longevity records, and new species records on Guana Island, British Virgin Islands
Clint W. Boal, Fred C. Sibley, Tracy S. Estabrook, and James Lazell

225 Reproductive behavior of the Yellow-crowned Parrot (*Amazona ochrocephala*) in western Panama
Angélica M. Rodríguez Castillo and Jessica R. Eberhard

237 Gregarious nesting behavior of Thick-billed Parrots (*Rhynchopsitta pachyrhyncha*) in aspen stands
Tiberio C. Monterrubio-Rico, Javier Cruz-Nieto, Ernesto Enkerlin-Hoeflich, Diana Venegas-Holguin, Lorena Tellez-Garcia, and Consuelo Marin-Togo

Short Communications

244 No extra-pair fertilization observed in Nazca Booby (*Sula granti*) broods
David J. Anderson and Peter T. Boag

247 Golden-cheeked Warbler males participate in nest-site selection
Allen E. Graber, Craig A. Davis, and David M. Leslie, Jr.

251 Provisioning of Magellanic Woodpecker (*Campephilus magellanicus*) nestlings with vertebrate prey
Valeria S. Ojeda and M. Laura Chazarreta

254 Reverse mounting and copulation behavior in polyandrous Bearded Vulture (*Gypaetus barbatus*) trios
Joan Bertran and Antoni Margalida

256 Natural occurrence of crowing in a free-living female galliform, the California Quail
Jennifer M. Gee

259 Poult adoption and nest abandonment by a female Rio Grande Wild Turkey in Texas
Steve T. Metz, Kyle B. Melton, Ray Aguirre, Bret A. Collier, T. Wayne Schwertner, Markus J. Peterson, and Nova J. Silvy

261 Predation by a Blue-crowned Motmot (*Momotus momota*) on a hummingbird
J. Mauricio García-C. and Rakan A. Zahawi

264 **Once Upon a Time in American Ornithology**

267 **Ornithological Literature**

NUMBER 3

Major Articles

281 Nest-site selection and productivity of American Dippers in the Oregon Coast Range
John P. Loegering and Robert G. Anthony

295 Upland bird communities on Santo, Vanuatu, Southwest Pacific
Andrew W. Kratter, Jeremy J. Kirchman, and David W. Steadman

309 A description of the first Micronesian Honeyeater (*Myzomela rubratra saffordi*) nests found on Saipan, Mariana Islands
Thalia Sachtleben, Jennifer L. Reidy, and Julie A. Savidge

316 Within-pair interactions and parental behavior of Cerulean Warblers breeding in eastern Ontario
Jennifer J. Barg, Jason Jones, M. Katharine Girvan, and Raleigh J. Robertson

326 Comparative spring migration arrival dates in the two morphs of White-throated Sparrow
Sarah S. A. Caldwell and Alexander M. Mills

333 Can supplemental foraging perches enhance habitat for endangered San Clemente Loggerhead Shrikes?
Suellen Lynn, John A. Martin, and David K. Garcelon

341 Do American Robins acquire songs by both imitating and inventing?
Steven L. Johnson

353 Effects of mowing and burning on shrubland and grassland birds on Nantucket Island, Massachusetts
Benjamin Zuckerberg and Peter D. Vickery

364 Spatial behavior of European Robins during migratory stopovers: a telemetry study
Nikita Chernetsov and Andrey Mukhin

374 Age-related timing and patterns of prebasic body molt in wood warblers (Parulidae)
Christine A. Debruyne, Janice M. Hughes, and David J. T. Hussell

380 Foraging ecology of Bald Eagles at an urban landfill
Kyle H. Elliott, Jason Duffe, Sandi L. Lee, Pierre Mineau, and John E. Elliott

391 Territory selection by upland Red-winged Blackbirds in experimental restoration plots
Maria A. Furey and Dirk E. Burhans

399 The use of southern Appalachian wetlands by breeding birds, with a focus on Neotropical migratory species
Jason F. Bulluck and Matthew P. Rowe

Short Communications

411 Breeding range extension of the Northern Saw-whet Owl in Quebec
Christophe Buidin, Yann Rochepault, Michel Savard, and Jean-Pierre L. Savard

413 Carolina Wren nest successfully parasitized by House Finch
Douglas R. Wood and William A. Carter

415 American Coot parasitism on Least Bitterns
Brian D. Peer

418 Brown-headed Cowbird's fatal attempt to parasitize a Carolina Chickadee nest
David A. Zuwerink and James S. Marshall

420 Likely predation of adult Glossy Ibis by Great Black-backed Gulls
Christina E. Donehower

422 Tailless whipscorpion (*Phrynus longipes*) feeds on Antillean Crested Hummingbird (*Orthorhyncus cristatus*)
Jennifer L. Owen and James C. Cokendolpher

424 Polydactyly in a Vaux's Swift
Walter H. Sakai

427 **Once Upon a Time in American Ornithology**

430 **Ornithological Literature**

NUMBER 4

Major Articles

439 Singing behavior varies with breeding status of American Redstarts (*Setophaga ruticilla*)
Cynthia A. Staicer, Victoria Ingalls, and Thomas W. Sherry

452 Investment in nest defense by Northern Flickers: effects of age and sex
Ryan J. Fisher and Karen L. Wiebe

461 Black-throated Blue Warbler and Veery abundance in relation to understory composition in northern Michigan forests
Laura J. Kearns, Emily D. Silverman, and Kimberly R. Hall

471 Soaring and gliding flight of migrating Broad-winged Hawks: behavior in the Nearctic and Neotropics compared
Vincent Careau, Jean-François Therrien, Pablo Porras, Don Thomas, and Keith Bildstein

478 Coloniality, mate retention, and nest-site characteristics in the Semipalmated Sandpiper
Joseph R. Jehl, Jr.

485 Effects of human recreation on the incubation behavior of American Oystercatchers
Conor P. McGowan and Theodore R. Simons

494 Movements of Long-tailed Ducks wintering on Lake Ontario to breeding areas in Nunavut, Canada
Mark L. Mallory, Jason Akearok, Norm R. North, D. Vaughan Weseloh, and Stéphane Lair

502 Female Tree Swallow home-range movements during their fertile period as revealed by radio-tracking
Mary K. Stapleton and Raleigh J. Robertson

508 Effects of prescribed fire on conditions inside a Cuban Parrot (*Amazona leucocephala*) surrogate nesting cavity on Great Abaco, Bahamas
Joseph J. O'Brien, Caroline Stahala, Gina P. Mori, Mac A. Callaham, Jr., and Chris M. Bergh

513 Utility of open population models: limitations posed by parameter estimability in the study of migratory stopover
Sara R. Morris, Amanda M. Larracuente, Kristen M. Covino, Melissa S. Mustillo, Kathryn E. Mattern, David A. Liebner, and H. David Sheets

527 Maximum diving depth in fledging Blue-footed Boobies: skill development and transition to independence
José Alfredo Castillo-Guerrero and Eric Mellink

532 Vegetative and thermal aspects of roost-site selection in urban Yellow-billed Magpies
Scott P. Crosbie, Douglas A. Bell, and Ginger M. Bolen

537 Nesting success of grassland and savanna birds on reclaimed surface coal mines of the midwestern United States
Edward W. Galligan, Travis L. DeVault, and Steven L. Lima

547 Differential timing of Wilson's Warbler migration in Alaska
Anna-Marie Benson, Brad A. Andres, W. N. Johnson, Susan Savage, and Susan M. Sharbaugh

552 Nesting success of Western Bluebirds (*Sialia mexicana*) using nest boxes in vineyard and oak-savannah habitats of California
Craig M. Fiehler, William D. Tietje, and William R. Fields

558 Sexual dimorphism, dispersal patterns, and breeding biology of the Taiwan Yuhina: a joint-nesting passerine
Hsiao-Wei Yuan, Sheng-Feng Shen, and Hisn-Yi Hung

Short Communications

563 Ant presence in acacias: an association that maximizes nesting success in birds?
Adán Oliveras de Ita and Octavio R. Rojas-Soto

566 Pair roosting of nesting Carolina Wrens (*Thryothorus ludovicianus*)
Ronald F. Labisky and John E. Arnett, Jr.

569 Bald Eagle kills crow chasing a hawk
Bruce D. Ostrow

571 Rapid beak-swinging locomotion in the Puerto Rican Spindalis
Ernest H. Williams, Jr. and Lucy Bunkley-Williams

572 American Crow caches rabbit kits
Justin J. Shew

574 First nesting record of the Gray-crowned Yellowthroat (*Geothlypis poliocephala*) in the United States since 1894
Stephan Lorenz, Chris Butler, and Jimmy Paz

577 **Once Upon a Time in American Ornithology**

580 **Ornithological Literature**

586 **Proceedings of the Eighty-seventh Annual Meeting**

593 **Reviewers for Volume 118**

595 **Index to Volume 118**

Contents of Volume 118